

A NEW BORNEAN SPECIES OF CINNAMOMUM SCH.

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*Herbarium Bogoriense, Bogor, Indonesia**Cinnamomum tahijanum* Kosterm., *spec. nov.* — Fig. 1.

Arbor ramulis strictis perdense minutissime griseo tomentellis foliis oppositis coriaceis ellipticis acuminatis basi aetis supra laevia glabra nervo mediano cum nerviis basalibus (acumine attingentibus) filiformis prominulis subtus dense subadpresse sublanuginoso-tomentellis pilis per-gracilis glabrescentibus nervo mediano nerviisque basalibus prominentibus venis secundariis horizontalis parallelis prominulis venis submarginalis adest petiolis bene evolutis paniculis pseudo-terminalis perdense minute griseo tomentellis laxis strictis foliis aequilongis floribus sat magnis dense pilosis filamentis pilosis glandulis stipitatis ovario glabro.

TYPUS: *S. 15196* (BO).

Tree, diameter 35 cm; branchlets stiff, towards the apex densely, minutely grey tomentellous; branches glossy. Leaves opposite, coriaceous, elliptical, 4 x 14 — 6 x 19 cm, acuminate (acumen blunt, 1—2 cm long), base acute; upper surface glossy, glabrous, smooth, midrib and basal nerves slender, prominulous; lower surface dull, subglaucous, densely, minutely, pale brown sublanuginose-tomentellous (hairs slightly crinkled, glossy, extremely slender), glabrescent, midrib and the two basal nerves (which reach the base of the acumen) prominent, more densely tomentellous; secondary nerves horizontal, filiformous, prominulous, parallel; a submarginal, slender nerve connects the secondary lateral veins. Petiole 7—10 mm long, flattened above; densely pilose.

Panicles axillary and pseudo-terminal, stout, stiff, densely grey sublanuginose-tomentellous, up to 20 cm long, with stout, up to 10 cm long peduncle and few, stiff, rather patent, rather thick branches (the lowest one up to 7 cm long), which bear two, rather patent secondary branchlets. Pedicel 3—5 mm long. Flowers 4 mm long, densely grey subsericeous; tube less than 1 mm high; tepals rather thick, ovate, acutish, 3 mm long, inside densely silvery sericeous; filaments 0.75—1 mm, pilose at base; anther 1 mm, narrowly oval, upper cells smaller than the lower ones; inner anthers narrower, basal glands oblong, stipitate; staminodes narrowly ovate, stipitate, 0.75 mm; ovary ovoid, 1 mm; style conical, 1 mm; stigma inconspicuous.

This beautiful tree is named in honour of Mr. Julius Tahija, Chairman Managing Board of the P.T. Caltex Pacific Indonesia, Djakarta, who donated a substantial sum to the Herbarium Bogoriense, Bogor, for the preservation of the material, deposited in that worldwide known Institute and whose wife is immensely interested in plants and in maintaining a beautiful garden upcountry off Bogor.

BORNEO. Sabah, Sipitang, -Ulu Moyah, 8 m. S. S. E. of Malaman, alt. 160 m, Sept., young fr., *San 16268* (A, BO, BRI, K, KEP, L, SING), tree 12 m tall; Ranau, Sospodon, alt. 1500 m, March, young fr., *San 34508* (SAN, SING), tree 16 m, diam. 12.5 cm, outer bark greenish, cup hemispheric with persistent tepals; *ibid.*, 1400 m alt, Kundasang, Nov., buds, *San 271,91* (BO, SAN, SING), tree 12 m, diam. 25 cm, bark scaly, lenticellate; Ranau, Lakong, Malumad, alt. 1100 m, Nov., young fr., *San 18804* (SAN, SING); Mt. Kinabalu, Ulu Liwagu and Ulu Mesilau, alt¹. 1300 m, Sept., fl., *Chew, Come*-, *Stainton 2687* (BO, K), tree 10 m, fls. cream; yellowish; Sarawak, Semengoh For. Res., Kuching, alt. 100 m, Aug., fl., *S. 14956* (A, BO, K, L, SING); *ibid.*, Oct. after anthesis, *S. 15196* (A, BO, K, L, SING).

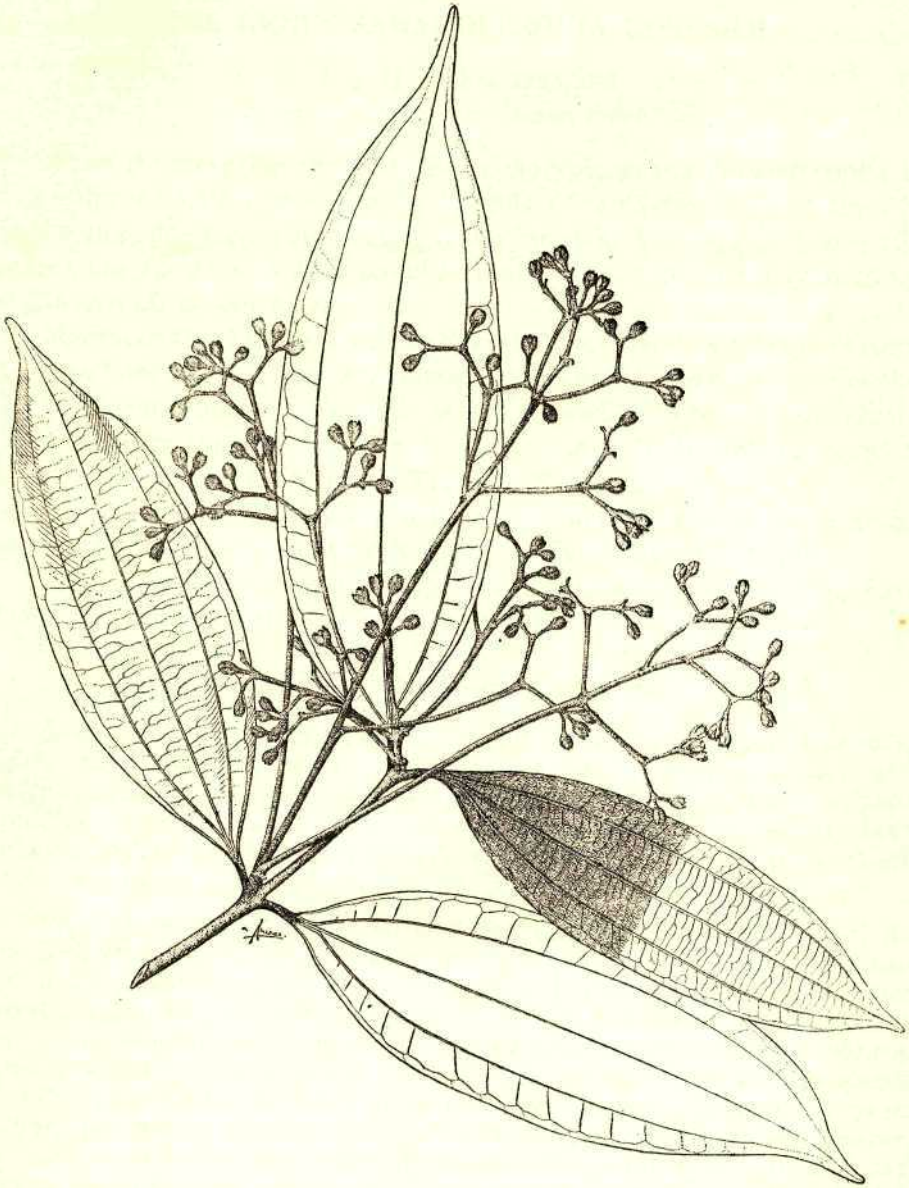


Fig. 1. *Cinnamomum tahijanum* Kosterm. (after S. 15027).